

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/756,018

1814

DATE: 06/25/97
TIME: 13:16:40

INPUT SET: S18591.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

- (i) APPLICANT: Seed, Brian et al.
- (ii) TITLE OF INVENTION: P-SELECTIN LIGANDS AND RELATED MOLECULES
AND METHODS
- (iii) NUMBER OF SEQUENCES: 16
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Clark & Elbing LLP
(B) STREET: 585 Commercial Street
(C) CITY: Boston
(D) STATE: MA
(E) COUNTRY: USA
(F) ZIP: 02109-1024
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/756,018
(B) FILING DATE: 25-NOV-96
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/661,960
(B) FILING DATE: 12-JUN-1996
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 60/000,213
(B) FILING DATE: 14-JUN-1995
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Elbing, Karen Lech
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(C) REFERENCE/DOCKET NUMBER: 00786/284002
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 617/723-6777
(B) TELEFAX: 617/723-8962

RAW SEQUENCE LISTING
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47 (C) TELEX:

48

49 (2) INFORMATION FOR SEQ ID NO:1:

50

51 (i) SEQUENCE CHARACTERISTICS:

52 (A) LENGTH: 10 amino acids

53 (B) TYPE: amino acid

54 (C) STRANDEDNESS: Not Relevant

55 (D) TOPOLOGY: linear

56

57 (ii) MOLECULE TYPE: protein

58

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

60 Ala Thr Glu Ala Gln Thr Thr Pro Pro Ala

61 1 5 10

62

63 (2) INFORMATION FOR SEQ ID NO:2:

64

65 (i) SEQUENCE CHARACTERISTICS:

66 (A) LENGTH: 18 amino acids

67 (B) TYPE: amino acid

68 (C) STRANDEDNESS: Not Relevant

69 (D) TOPOLOGY: linear

70

71 (ii) MOLECULE TYPE: protein

72

73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

74 Met Ala Thr Asn Ser Leu Glu Thr Ser Thr Gly Thr Ser Gly Pro Pro

75 1 5 10 15

76

77 Val Thr

78

79

80

81

82 (2) INFORMATION FOR SEQ ID NO:3:

83

84 (i) SEQUENCE CHARACTERISTICS:

85 (A) LENGTH: 42 amino acids

86 (B) TYPE: amino acid

87 (C) STRANDEDNESS: Not Relevant

88 (D) TOPOLOGY: linear

89

90 (ii) MOLECULE TYPE: protein

91

92 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

93 Gln Leu Trp Asp Thr Trp Ala Asp Glu Ala Glu Lys Ala Leu Gly Pro

94 1 5 10 15

95 Leu Leu Ala Arg Asp Arg Arg Gln Ala Thr Glu Tyr Glu Tyr Leu Asp

96 20 25 30

97

98

99

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100 Tyr Asp Phe Leu Pro Glu Thr Glu Pro Pro
101 35 40
102

103 (2) INFORMATION FOR SEQ ID NO:4:
104

105 (i) SEQUENCE CHARACTERISTICS:
106 (A) LENGTH: 20 amino acids
107 (B) TYPE: amino acid
108 (C) STRANDEDNESS: Not Relevant
109 (D) TOPOLOGY: linear
110

111 (ii) MOLECULE TYPE: protein
112

113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
114

115 Arg Asp Arg Arg Gln Ala Thr Glu Tyr Glu Tyr Leu Asp Tyr Asp Phe
116 1 5 10 15
117

118 Leu Pro Glu Thr
119 20
120

121 (2) INFORMATION FOR SEQ ID NO:5:
122

123 (i) SEQUENCE CHARACTERISTICS:
124 (A) LENGTH: 20 amino acids
125 (B) TYPE: amino acid
126 (C) STRANDEDNESS: Not Relevant
127 (D) TOPOLOGY: linear
128

129 (ii) MOLECULE TYPE: protein
130

131 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
132

133 Arg Asp Arg Arg Gln Ala Thr Glu Phe Glu Phe Leu Asp Phe Asp Phe
134 1 5 10 15
135

136 Leu Pro Glu Thr
137 20
138

139 (2) INFORMATION FOR SEQ ID NO:6:
140

141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 20 amino acids
143 (B) TYPE: amino acid
144 (C) STRANDEDNESS: Not Relevant
145 (D) TOPOLOGY: linear
146

147 (ii) MOLECULE TYPE: protein
148

149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
150

151 Arg Asp Arg Arg Gln Ala Ala Glu Tyr Glu Tyr Leu Asp Tyr Asp Phe
152 1 5 10 15

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153
154 Leu Pro Glu Ala
155 20
156
157 (2) INFORMATION FOR SEQ ID NO:7:
158
159 (i) SEQUENCE CHARACTERISTICS:
160 (A) LENGTH: 20 amino acids
161 (B) TYPE: amino acid
162 (C) STRANDEDNESS: Not Relevant
163 (D) TOPOLOGY: linear
164
165 (ii) MOLECULE TYPE: protein
166
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
168 Arg Asp Arg Arg Gln Ala Ala Glu Phe Glu Phe Leu Asp Phe Asp Phe
169 1 5 10 15
170
171 Leu Pro Glu Ala
172 20
173
174
175 (2) INFORMATION FOR SEQ ID NO:8:
176
177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 2287 base pairs
179 (B) TYPE: nucleic acid
180 (C) STRANDEDNESS: single
181 (D) TOPOLOGY: linear
182
183 (ii) MOLECULE TYPE: DNA (genomic)
184
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
186
187 AAGCTTACCA CCATGGACTG GACCTGGAGG TTCCTCTTCT TTGTGGTGGC AGCAGCTACA 60
188
189 GGTGTCCAGT CCCAGGTGCA GCTGGTGCAG TCTGGGGCTG AGGTGAAGAA GCCTGGGTCC 120
190
191 TCGGTGAAGG TCTCCTGCAA GGCTTCTGGA GGCACCTTCA GCAGCTATGC TATCAGCTGG 180
192
193 GTGCGACAGG CCCCTGGACA AGGGCTTGAG TGGATGGGAG GGATCATCCC TATCTTTGGT 240
194
195 ACAGCAAAC TACGCACAGAA GTTCCAGGGC AGAGTCACGA TTACCGCGGA CGAATCCACG 300
196
197 AGCACAGCCT ACATGGAGCT GAGCAGCCTG AGATCTGAGG ACACGGCCGT GTATTACTGT 360
198
199 GCGAGAGATA ATGGAGCGTA TTGTAGTGGT GGTAGCTGCT ACTCGGGCTG GWTGACCCC 420
200
201 TGGGGCCAGG GAACCTGGT CACCGTCTCT TCAGGTGAGT ACTGAATCT AGCTTTCTGG 480
202
203 GGCAGGCCAG GCCTGACCTT GGCTTTGGGG CAGGGAGGGG GCTAAGGTGA GGCAGGTGGC 540
204
205 GCCAGCAGGT GCACACCCAA TGCCCATGAG CCCAGACACT GGACGCTGAA CCTCGCGGAC 600

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SEQUENCE VERIFICATION REPORT
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Original Text